

Application No.: 09/882,598

Filing Date: June 15, 2001

Page: 2

### **Amendments to the claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of claims:**

1. (Currently amended): A transparent, biaxially oriented and heat-set film having one or more layers and comprising, as main constituent, at least one crystallizable thermoplastic, said at least one crystallizable thermoplastic being a polyester or copolyester selected from the group consisting of polyethylene terephthalate (PET), polybutylene terephthalate (PBT), bibenzoyl-modified polyethylene terephthalate (PETBB), bibenzoyl-modified polybutylene terephthalate (PBTBB), and bibenzoyl-modified polyethylene naphthalate (PENBB), wherein in the preparation of said polyester or copolyester use may also be made of isophthalic acid, *cis*-1,4-cyclohexane-dimethanol (*c*-CHDM), *trans*-1,4-cyclohexane-dimethanol (*t*-CHDM), or a mixture of *cis*-1,4-cyclohexane-dimethanol and *trans*-1,4-cyclohexane-dimethanol (*c/t*-CHDM), wherein the film comprises at least one hydrolysis stabilizer selected from the group consisting of monomeric and polymeric carbodiimides and oxazolines, and wherein the film optionally comprises as a further hydrolysis stabilizer a phenolic compound.

2. (Cancelled)

3. (Currently amended): The film as claimed in claim 1 [2], wherein the phenolic compound is selected from the group consisting of a sterically hindered phenol, thiobisphenol, alkylidenebisphenol, alkylphenol, a hydroxybenzyl compound, an

Application No.: 09/882,596

Filing Date: June 15, 2001

Page: 3

acylaminophenol, a hydroxyphenyl propionate and mixtures thereof.

4. (Currently amended): The film as claimed in claim 1 [2], wherein the proportion of the phenolic compound is from 0.1 to 8.0% by weight based on the weight of the film or, respectively, of the layer provided therewith within the film having more than one layer.

5. (Currently amended): The film as claimed in claim 1 [2], wherein the phenolic compound has been combined with at least one organic phosphite.

6. (Original): The film as claimed in claim 5, wherein the ratio by weight of the phenolic compound to the organic phosphite is from 10 : 90 to 90 : 10.

7. (Cancelled)

8. (Currently amended): The film as claimed in claim 1, wherein the polymeric carbodilimide has a molecular weight of from 2 000 to 50 000 Dalton.

9. (Currently amended): The film as claimed in claim 1, wherein the proportion of the monomeric or polymeric carbodilimide, and/or of the oxazoline, is from 0.1 to 5.0% by weight based on the weight of the single-layer film or, respectively, of the layer provided therewith within the film having more than one layer.

10. (Original): The film as claimed in claim 1, wherein the hydrolysis stabilizer is a mixture made from 0.1 to 5% by weight of polymeric aromatic carbodilimides and 0.1 to 5% by weight of a blend made from 30 to 90% by weight of an organic phosphite and 70 to 10% by weight of a hydroxyphenyl propionate.

Application No.: 09/882,596

Filing Date: June 15, 2001

Page: 4

11. (Original): The film as claimed in claim 1, wherein the proportion of all of the hydrolysis stabilizers together is from 0.2 to 16.0% by weight based in on the weight of the film or, respectively, of the relevant layer within the film having more than one layer.

12. (Original): The film as claimed in claim 1, which has been made UV-resistant, or flame-retardant, or on one side or on both sides has been coated, or is sealable, and/or has been corona- or flame-treated.

13. (Original): The film as claimed in claim 12, wherein the film, or at least one layer thereof, comprises a UV stabilizer.

14. (Original): The film as claimed in claim 13, wherein the UV stabilizer is 2-(4,6-diphenyl-[1,3,5]-triazin-2-yl)-5-hexyloxyphenol, 2,2'-methylenebis[6-benzotriazol-2-yl-4-(1,1,2,2-tetramethylpropyl)phenol] or 2,2'-(1,4-phenylene)bis[[3,1]benzoxazin-4-one].

15. (Original): The film as claimed in claim 13, wherein the proportion of the UV stabilizer is from 0.1 to 5.0% by weight based on the total weight of the at least one layer.

16. (Original): The film as claimed in claim 12, wherein the film, or at least one layer thereof, comprises a flame retardant.

17. (Original): The film as claimed in claim 16, wherein the flame retardant is a bromine compound, a chloroparaffin, or another chlorine compound, antimony trioxide, aluminum hydroxide, or an organic phosphorus compound.

Application No.: 09/882,598

Filing Date: June 15, 2001

Page: 5

18. (Original): The film as claimed in claim 16, wherein the proportion of the flame retardant is from 0.5 to 30.0 % by weight based case on the weight of the layer of the crystallizable thermoplastic.

19. (Original): The film as claimed in claim 12, which additionally encompasses a sealable outer layer.

20. (Previously presented): The film as claimed in claim 1, wherein the longitudinal and transverse shrinkage of the film after 15 minutes of heating to 150°C are each less than 1.5 %.

21. (Original): A process for producing the film as claimed in claim 1, wherein a mixture which encompasses at least one crystallizable thermoplastic as main constituent and encompasses at least one hydrolysis stabilizer is melted in an extruder and shaped by extrusion or coextrusion to give a film having one or more layers, where the at least one hydrolysis stabilizer is added, prior to extrusion or coextrusion, in the form of a precrystallized or predried masterbatch.

22. (Original): The process as claimed in claim 21, wherein the substantively amorphous prefilm formed during extrusion is quenched on a chill roll, then reheated, oriented longitudinally and/or transversely, and finally heat-set.

23. (New): A transparent, biaxially oriented and heat-set film having one or more layers and comprising, as main constituent, at least one crystallizable thermoplastic, wherein the film comprises a hydrolysis stabilizer composition consisting essentially of (i) at least one phenolic compound to retard the hydrolysis of ester bonds and (ii) at least one compound selected from either monomeric carbodiimides, polymeric carbodiimides or oxazolines to restore bonds previously broken by hydrolysis.

Application No.: 09/882,596

Filing Date: June 15, 2001

Page: 6

24. (New): A film according to Claim 23, wherein said hydrolysis stabilizer composition is supplied as at least one of either a (i) precrystallized or (ii) predried masterbatch, said film thus further comprising carrier polymer that has been at least one of either (i) precrystallized or (ii) predried.

25. (New): A film according to Claim 23, wherein said film contains up to 35% recycle formed from said film.

26. (New): A transparent, biaxially oriented and heat-set film having one or more layers and comprising, as main constituent, at least one crystallizable thermoplastic, wherein the film comprises a hydrolysis stabilizer composition consisting essentially of (i) at least one phenolic compound to retard the hydrolysis of ester bonds, (ii) at least one organic phosphate to degrade peroxides and (iii) at least one compound selected from either monomeric carbodiimides, polymeric carbodiimides or oxazoline to restore bonds previously broken by hydrolysis.